

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 6, 1954

Six cases of trichiniasis were reported in 1 county in Maine for the week ended January 30, 1954. These cases were scattered among several families, and were probably not caused by any one lot of infected meat. Several patients are known to have a habit of eating raw meat, especially hamburger. In some markets, beef is ground in the same grinder in which pork has been ground, and in many instances, the grinder is not sterilized between operations.

The incidence of meningococcal infections usually increases during this time of year. However, during the past few weeks, no general increase has been reported. For the current week, a total of 118 cases was reported in the United States as compared with 124 cases for the week ended January 16. Last week the total was 100. The cumulative number of cases since the first of the year is 563, or 181 less than the 744 reported for the corresponding period of last year.

A total of 4,871 cases of scarlet fever and streptococcal sore throat was reported for the week ended February 6, 1954, as compared with 4,277 for the corresponding week of 1953. Although the figure for the current week is more than that for last year, the cumulative total (19,827) for the first 5 weeks of 1954 is less than the corresponding total (21,170) for last year. The geographical distribution of cases is similar for both years: The East North Central and West South Central States reported more than a third of the cases for both years. Since the seasonal low week, about August 1, a total of 54,461 cases has been reported as compared with 57,758 for the corresponding period of the previous year.

The incidence of measles continued to increase. For the current week, the number of reported cases increased 32 percent, from 10,280 last week to 13,529. The rate of increase is about a third greater than that for the corresponding weeks of 1953. The total number of cases for the first 5 weeks of this year is 47,269 as compared with 32,395 for the corresponding period of 1953. For the corresponding period of 1952, the total was 88,955.

EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. Mason Romaine, Virginia Department of Health, has reported the occurrence of psittacosis in a group of 12 parrots. The birds had been sent to the owner of a game farm by a friend in the Caribbean area. They had been caught on an island and were under the observation of a veterinarian who certified them as healthy prior to shipment. They were sent by air transport to the United States on September 24, 1952, and were taken through quarantine inspection at Miami. The parrots were shipped to their destination in Virginia, and were isolated in a brick building, remote from any other buildings. The birds were young (age estimated about 2 weeks), and appeared healthy on arrival. The building in which they were kept was tightly sealed and kept locked. No one was permitted to enter except an attendant. At first, they were placed in a turkey exhibition cage. After 30 days, they were transferred to a larger cage in a building which had never housed birds, but no visitors were permitted. About January 1, some of the birds were hunched up, had ruffled feathers, and acted as if they were cold. None had diarrhea. Two days later the sick birds

died. The psittacosis virus was isolated from 4 of the 5 bird carcasses. Although the sick birds were removed from the others, 3 more became ill and died. The remaining 4 birds subsequently appeared ill and were destroyed. The attendant became ill late in January and was hospitalized for 1 week when he was treated for pneumonia. A report on a specimen of blood drawn from the attendant has not yet been received.

Dr. R. H. Hutcheson, Tennessee Health Commissioner, has supplied a preliminary report on 2 cases of psittacosis. The patients are a man and his wife, with dates of onset in the latter part of January. Epidemiologic investigation reveals that a single parakeet was purchased by the family in July 1953, and 6, during the Christmas holidays. One of the latter group, a young bird, died 1 week after it was carried into the home. The birds were obtained in North Carolina from a person who breeds parakeets as a hobby.

Rabies in man

Dr. L. M. Schuman, Illinois Department of Public Health, reports a case of human rabies in a 2½-year-old white boy. The patient was admitted to a hospital on January 20, 1954, with a diagnosis of suspect poliomyelitis of either bulbar or encephalitic type. This child had a temperature of 105°, stiff neck and back, head drop, absent cremasteric and abdominal reflexes, nasal twang in voice, flaccid right arm paralysis, difficulty in swallowing, and extreme restlessness. A spinal puncture revealed 19 cells, and the white blood count was 30,000. Most of the spinal fluid cells and 75 percent of the white blood cells were polymorphonuclear. The history obtained at the time of admission indicated that this child was bitten on the hand by a stray dog on December 8, 1953. Further investigation revealed that the child was taken to the family physician, the wound cauterized by him, and the patient dismissed. Two days before the child was admitted to the hospital, he was seen by another physician, and on January 20, the second physician called in a consultant pediatrician. This consultation resulted in a tentative diagnosis of poliomyelitis. The patient died 4 days after admission, but during his stay at the hospital, he was seen by another consultant, who expressed the opinion that this was a case of rabies.

A post-mortem examination was made the day following death. There were no scars, healed or otherwise, found on the body. Sections of the brain were sent to the State laboratory and on direct examination, Negri bodies were found. Results of the mouse inoculation test are not yet known. This is the first human rabies death in Illinois since 1952. No report of this dog bite was made to the county health department or to the State Department of Public Health. First information on the matter was received after the child was brought to the hospital, 4 days before his death.

Encephalitis

Dr. H. M. Erickson, Oregon State Health Officer, has reported more cases of encephalitis in addition to the 5 cases reported in the Communicable Disease Summary last week. The total is now 20, 4 of which had onsets in December and 10 in January. With the exception of 5 cases occurring over a 2-month

period in 1 county, no distinct geographic localization has been noted. One death has been reported among the 20 cases, and 2 persons from nearby points in the State of Washington apparently had similar symptoms. The incidence of mumps is currently high in Oregon, and 5 of the 20 cases of encephalitis have been associated with clinical parotitis. No information is available on the etiology of the remaining 15 cases.

Dr. W. L. Halverson, California Director of Public Health, reports 2 cases of mild meningo-encephalitis which occurred during the last week of January. The patients were 7-year-old girls who were in the same room at school. Mumps has been prevalent in the school, and a tentative diagnosis of mumps and encephalitis has been made, pending laboratory report on throat washings and paired blood specimens.

Gastro-enteritis

The Regional Engineer for Region III has reported a small outbreak of gastro-enteritis on a train enroute from New York to Chicago. Four persons became ill 2 to 3 hours following a

meal that included turkey a la king. The turkey was cooked the day before serving. Specimens of the meat showed a high bacterial count, a staphylococcus which was coagulase negative. The dining car was found to be in poor sanitary condition.

Dr. W. Winkelstein, County Health Officer, New York State Department of Health, reports 2 cases of gastro-enteritis following a meal in a cafeteria. The symptoms were sudden onset of nausea, vomiting, profuse and repeated diarrhea, abdominal cramps, chilly sensation, weakness, and headache. The patients, a mother and her son, became ill about 2½ hours after eating turkey sandwiches with gravy, mashed potatoes, and cranberry sauce in the cafeteria. This meal was suspected because other members of the family at home were not ill. An investigation of the cafeteria failed to disclose the source of infection. Bacteriological examination of the turkey and gravy at the time of the investigation revealed no etiological agent. Vomitus and stool specimens were collected for laboratory examination but the results have not as yet been received.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	5th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Feb. 6, 1954	Ended Feb. 7, 1953	Median 1949-53	First 5 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	-	2	1	2	7	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	5	-	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	32	31	---	116	127	---	(1)	(1)	(1)	(1)
Diphtheria-----055	54	47	92	221	244	483	1,586	1,915	3,509	July 1
Encephalitis, infectious-----082	16	16	11	69	76	50	(1)	(1)	(1)	(1)
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,421	659	---	5,703	3,452	---	(1)	(1)	(1)	(1)
Malaria-----110-117	12	10	---	40	67	---	(1)	(1)	(1)	(1)
Measles-----085	13,529	7,207	11,627	47,269	32,395	43,034	83,361	63,829	72,424	Sept. 1
Meningococcal infections-----057	118	155	108	563	744	535	1,885	2,019	1,614	Sept. 1
Polio-myelitis-----080	133	138	110	770	924	646	35,224	57,219	32,864	Apr. 1
Psittacosis-----096.2	53	-	---	5	2	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	-	-	-	(1)	(1)	(1)	(1)
Rocky Mountain spotted fever-----104A	1	-	1	1	1	3	(1)	(1)	(1)	(1)
Scarlet fever and streptococcal sore throat-----050,051	4,871	4,277	2,970	19,827	21,170	13,144	54,461	57,758	31,057	Aug. 1
Smallpox-----084	-	-	1	-	-	3	(1)	(1)	(1)	(1)
Trichiniasis-----128	4	3	---	720	15	---	(1)	(1)	(1)	(1)
Tularemia-----059	20	11	15	76	70	89	(1)	(1)	(1)	(1)
Typhoid fever-----040	36	17	35	144	124	174	2,158	2,136	2,283	Apr. 1
Typhus fever, endemic-----101	3	1	---	10	17	---	200	173	---	Apr. 1
Whooping cough-----056	1,103	665	1,272	5,088	3,501	6,319	14,845	11,358	20,583	Oct. 1
Rabies in animals-----	191	200	---	792	781	---	(1)	(1)	(1)	(1)

¹Information not available or frequencies are too small.

²Deduction: Florida, week ended January 9, 14 cases.

³Deductions: Mississippi and Virginia, week ended January 30, 1 and 11 cases, respectively.

⁴Addition: Virginia, week ended January 30, 9 cases.

⁵Pennsylvania, 1 case; Tennessee, 2 cases.

⁶Additions: Alabama and Arizona, week ended January 30, 9 and 42 cases, respectively; New Mexico, week ended January 16, 46 cases.

⁷Addition: Maine, week ended January 30, 6 cases.

⁸Additions: Alabama and Nebraska, week ended January 30, 6 and 7 cases, respectively.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 7, 1953, AND FEBRUARY 6, 1954

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian ¹		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	32	31	54	47	16	16	^a 1,421	659	10	8	2	2
NEW ENGLAND-----	2	5	1	-	-	-	65	47	-	-	-	-
Maine-----	1	-	1	-	-	-	6	18	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	6	-	-	-	-	-
Vermont-----	-	3	-	-	-	-	9	-	-	-	-	-
Massachusetts-----	-	1	-	-	-	-	34	25	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	7	-	-	-	-	-
Connecticut-----	1	1	-	-	-	-	3	4	-	-	-	-
MIDDLE ATLANTIC-----	-	-	1	6	1	4	336	103	-	-	-	-
New York-----	-	-	1	1	-	4	268	81	-	-	-	-
New Jersey-----	-	-	-	3	1	-	19	-	-	-	-	-
Pennsylvania-----	-	-	-	2	-	-	49	22	-	-	-	-
EAST NORTH CENTRAL-----	9	6	5	1	2	-	190	117	-	-	-	-
Ohio-----	1	-	2	1	1	-	43	52	-	-	-	-
Indiana-----	-	-	3	-	-	-	41	27	-	-	-	-
Illinois-----	8	6	-	-	1	-	49	15	-	-	-	-
Michigan-----	-	-	-	-	-	-	34	16	-	-	-	-
Wisconsin-----	-	-	-	-	-	-	23	7	-	-	-	-
WEST NORTH CENTRAL-----	8	13	4	3	1	-	169	62	-	-	-	-
Minnesota-----	-	1	-	-	-	-	53	9	-	-	-	-
Iowa-----	7	6	-	1	-	-	62	15	-	-	-	-
Missouri-----	1	-	2	2	-	-	9	19	-	-	-	-
North Dakota-----	-	-	-	-	-	-	4	1	-	-	-	-
South Dakota-----	-	1	1	-	1	-	8	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	9	16	-	-	-	-
Kansas-----	-	5	1	-	-	-	24	2	-	-	-	-
SOUTH ATLANTIC-----	5	4	23	15	1	3	244	111	-	-	1	1
Delaware-----	-	-	-	-	-	-	3	-	-	-	-	-
Maryland-----	-	-	2	-	1	-	50	11	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	2	-	-	-	-
Virginia-----	1	3	6	3	-	-	128	39	-	-	-	1
West Virginia-----	1	-	2	1	-	1	9	34	-	-	-	-
North Carolina-----	-	-	1	2	-	-	28	14	-	-	1	-
South Carolina-----	-	-	2	-	-	-	2	2	-	-	-	-
Georgia-----	2	1	4	7	-	2	12	7	-	-	-	-
Florida-----	1	-	6	2	-	-	12	2	-	-	-	-
EAST SOUTH CENTRAL-----	1	2	7	9	1	3	110	135	1	-	-	1
Kentucky-----	-	-	-	3	-	-	41	6	1	-	-	-
Tennessee-----	1	1	2	1	1	1	39	36	-	-	-	1
Alabama-----	-	-	4	4	-	2	12	83	-	-	-	-
Mississippi-----	-	1	1	1	-	-	18	10	-	-	-	-
WEST SOUTH CENTRAL-----	5	-	9	7	-	5	92	20	4	6	-	-
Arkansas-----	-	-	-	-	-	1	19	1	-	-	-	-
Louisiana-----	2	-	2	-	-	-	^b 26	-	-	1	-	-
Oklahoma-----	-	-	2	1	-	-	6	7	-	-	-	-
Texas-----	3	-	5	6	-	4	41	12	4	5	-	-
MOUNTAIN-----	-	-	2	5	-	1	68	14	3	-	-	-
Montana-----	-	-	1	1	-	1	2	-	-	-	-	-
Idaho-----	-	-	-	3	-	-	25	-	2	-	-	-
Wyoming-----	-	-	-	-	-	-	1	1	-	-	-	-
Colorado-----	-	-	-	-	-	-	18	7	-	-	-	-
New Mexico-----	-	-	-	1	-	-	5	-	-	-	-	-
Arizona-----	-	-	1	-	-	-	13	4	1	-	-	-
Utah-----	-	-	-	-	-	-	4	2	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	1	2	1	10	-	147	50	2	2	1	-
Washington-----	1	-	1	-	-	-	33	7	-	-	-	-
Oregon-----	1	1	-	-	5	-	59	14	-	-	-	-
California-----	-	-	1	1	5	-	55	29	2	2	1	-
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	1	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	4	2	-	-	10	-	-	-	-	-

¹Includes cases not specified as civilian or military.

²Includes 26 cases reported by Louisiana for January 1 through February 6, 1954.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 7, 1953, AND FEBRUARY 6, 1954—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES		MENINGO- COCCAL INFECTIONS		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER	
	(085)		(057)		Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		(104A)	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	13,529	7,207	118	155	133	138	69	---	23	---	1	---
NEW ENGLAND-----	304	132	4	2	4	-	1	---	2	---	-	-
Maine-----	238	38	-	1	-	-	-	---	-	---	-	-
New Hampshire-----	3	10	-	1	1	-	-	---	1	---	-	-
Vermont-----	23	8	-	-	-	-	-	---	-	---	-	-
Massachusetts-----	19	50	-	-	3	-	1	---	1	---	-	-
Rhode Island-----	6	2	2	-	-	-	-	---	-	---	-	-
Connecticut-----	15	24	2	-	-	-	-	---	-	---	-	-
MIDDLE ATLANTIC-----	2,202	461	20	27	16	11	2	---	1	---	-	-
New York-----	1,512	174	5	13	7	6	1	---	-	---	-	-
New Jersey-----	75	35	-	7	2	1	1	---	1	---	-	-
Pennsylvania-----	615	252	15	7	7	4	-	---	-	---	-	-
EAST NORTH CENTRAL-----	3,095	2,717	27	26	12	17	3	---	2	---	-	-
Ohio-----	829	687	11	15	7	4	1	---	1	---	-	-
Indiana-----	671	28	5	2	-	-	-	---	-	---	-	-
Illinois-----	514	269	5	2	-	2	-	---	-	---	-	-
Michigan-----	929	455	4	-	3	10	2	---	1	---	-	-
Wisconsin-----	152	1,278	2	7	2	1	-	---	-	---	-	-
WEST NORTH CENTRAL-----	407	673	3	13	9	17	1	---	4	---	-	-
Minnesota-----	11	141	-	2	3	-	-	---	-	---	-	-
Iowa-----	213	60	-	-	2	3	-	---	2	---	-	-
Missouri-----	22	200	2	6	2	5	1	---	-	---	-	-
North Dakota-----	57	55	-	-	-	-	-	---	-	---	-	-
South Dakota-----	17	13	-	5	2	6	-	---	2	---	-	-
Nebraska-----	66	24	-	-	-	1	-	---	-	---	-	-
Kansas-----	21	180	1	-	-	2	-	---	-	---	-	-
SOUTH ATLANTIC-----	1,818	419	29	28	18	11	10	---	2	---	1	-
Delaware-----	7	5	-	1	-	-	-	---	-	---	-	-
Maryland-----	307	16	3	2	-	-	-	---	-	---	-	-
District of Columbia-----	36	5	-	1	-	-	-	---	-	---	-	-
Virginia-----	394	162	3	7	2	-	1	---	-	---	-	-
West Virginia-----	214	91	3	-	1	1	1	---	-	---	-	-
North Carolina-----	291	22	7	4	1	2	1	---	-	---	-	-
South Carolina-----	249	36	1	5	1	2	1	---	-	---	-	-
Georgia-----	200	64	8	7	3	1	2	---	-	---	1	-
Florida-----	120	18	4	1	10	5	4	---	2	---	-	-
EAST SOUTH CENTRAL-----	1,097	305	5	24	7	6	7	---	-	---	-	-
Kentucky-----	483	19	2	7	5	1	5	---	-	---	-	-
Tennessee-----	243	105	1	3	1	2	1	---	-	---	-	-
Alabama-----	346	149	2	8	1	1	1	---	-	---	-	-
Mississippi-----	15	32	-	6	-	2	-	---	-	---	-	-
WEST SOUTH CENTRAL-----	1,914	1,090	18	20	18	5	11	---	4	---	-	-
Arkansas-----	85	97	3	2	-	-	-	---	-	---	-	-
Louisiana-----	518	15	8	4	1	-	-	---	1	---	-	-
Oklahoma-----	23	23	4	3	1	2	1	---	-	---	-	-
Texas-----	1,288	955	3	11	16	3	10	---	3	---	-	-
MOUNTAIN-----	766	429	2	-	4	12	3	---	-	---	-	-
Montana-----	150	231	-	-	2	-	1	---	-	---	-	-
Idaho-----	179	8	-	-	-	-	-	---	-	---	-	-
Wyoming-----	42	10	-	-	-	-	-	---	-	---	-	-
Colorado-----	26	47	1	-	1	-	1	---	-	---	-	-
New Mexico-----	51	8	1	-	1	2	1	---	-	---	-	-
Arizona-----	95	78	-	-	-	2	-	---	-	---	-	-
Utah-----	222	46	-	-	-	8	-	---	-	---	-	-
Nevada-----	1	1	-	-	-	-	-	---	-	---	-	-
PACIFIC-----	1,936	981	10	15	45	59	31	---	8	---	-	-
Washington-----	848	183	3	2	5	3	-	---	-	---	-	-
Oregon-----	80	185	1	1	5	4	5	---	-	---	-	-
California-----	1,008	613	6	12	35	52	26	---	8	---	-	-
Alaska-----	56	1	-	-	9	2	1	---	-	---	-	-
Hawaii-----	2	5	-	-	4	-	3	---	1	---	-	-
Puerto Rico-----	64	37	-	-	-	-	-	---	-	---	-	-

²Includes cases not specified by type, category number (080.3).

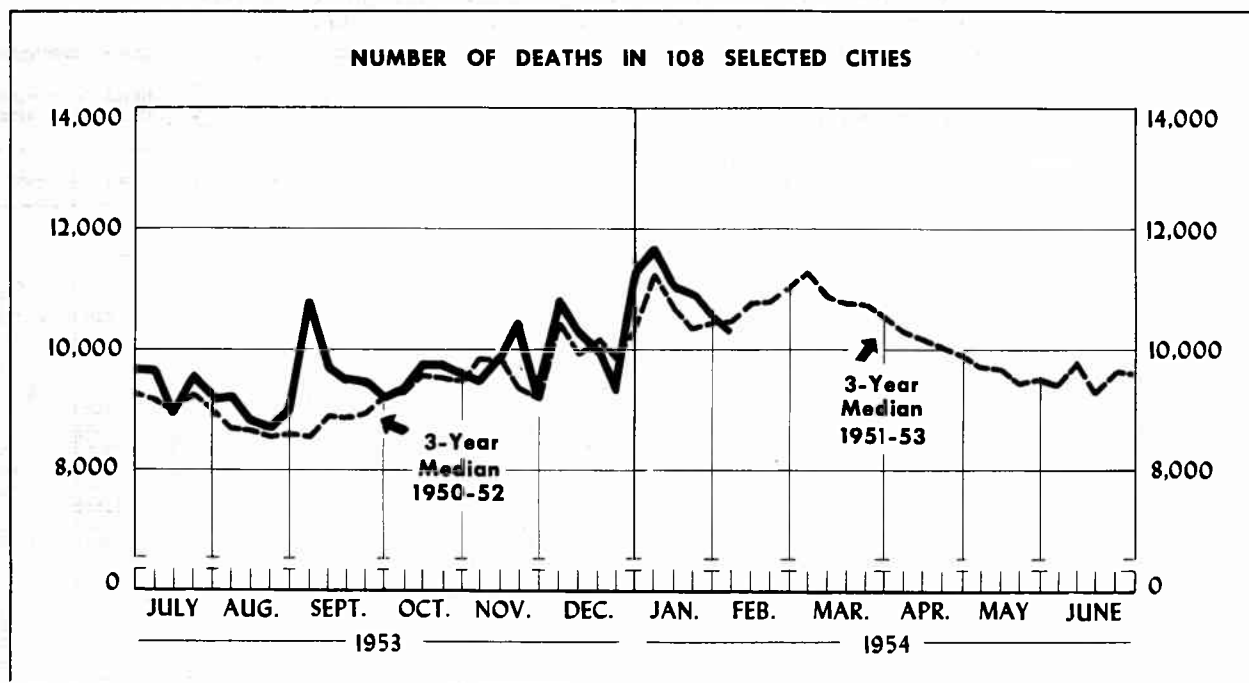
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 7, 1953, AND FEBRUARY 6, 1954—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	4,871	4,277	4	20	11	36	17	3	1,103	665	191	200
NEW ENGLAND-----	369	415	1	-	-	2	-	-	157	109	-	-
Maine-----	61	32	-	-	-	-	-	-	-	20	-	-
New Hampshire-----	6	7	-	-	-	-	-	-	23	8	-	-
Vermont-----	24	17	-	-	-	-	-	-	21	28	-	-
Massachusetts-----	182	152	1	-	-	1	-	-	64	33	-	-
Rhode Island-----	26	37	-	-	-	-	-	-	18	5	-	-
Connecticut-----	70	170	-	-	-	1	-	-	31	15	-	-
MIDDLE ATLANTIC-----	609	730	1	-	-	5	5	-	253	149	5	5
New York-----	377	448	1	-	-	2	2	-	112	74	4	5
New Jersey-----	91	115	-	-	-	1	1	-	63	25	-	-
Pennsylvania-----	141	167	-	-	-	2	2	-	78	50	1	-
EAST NORTH CENTRAL-----	1,128	910	2	3	1	2	2	-	229	137	24	17
Ohio-----	392	284	1	1	-	1	1	-	25	42	1	7
Indiana-----	178	105	-	-	-	1	-	-	35	6	6	7
Illinois-----	178	160	-	2	-	-	1	-	26	2	14	1
Michigan-----	179	219	-	-	-	-	-	-	95	40	3	2
Wisconsin-----	201	142	1	-	1	-	-	-	48	47	-	-
WEST NORTH CENTRAL-----	232	251	-	-	1	2	-	-	22	10	27	14
Minnesota-----	81	55	-	-	-	-	-	-	13	-	-	1
Iowa-----	48	39	-	-	1	-	-	-	1	3	7	9
Missouri-----	25	58	-	-	-	1	-	-	2	4	17	2
North Dakota-----	13	32	-	-	-	-	-	-	-	-	2	2
South Dakota-----	13	3	-	-	-	1	-	-	-	-	-	-
Nebraska-----	22	6	-	-	-	-	-	-	-	-	1	-
Kansas-----	30	58	-	-	-	-	-	-	6	3	-	-
SOUTH ATLANTIC-----	448	454	-	4	4	5	4	1	111	52	39	53
Delaware-----	4	11	-	-	-	-	-	-	-	1	-	-
Maryland-----	53	67	-	-	-	-	1	1	27	6	1	-
District of Columbia-----	5	5	-	-	-	-	-	-	4	1	-	-
Virginia-----	132	195	-	1	1	2	-	-	20	9	11	18
West Virginia-----	52	49	-	-	-	-	2	-	33	11	8	12
North Carolina-----	95	65	-	-	-	-	-	-	12	2	3	6
South Carolina-----	30	9	-	-	-	1	-	-	5	1	14	8
Georgia-----	57	31	-	3	3	-	1	-	3	9	1	9
Florida-----	20	22	-	-	-	2	-	-	7	12	1	-
EAST SOUTH CENTRAL-----	193	132	-	8	3	6	2	-	59	39	59	60
Kentucky-----	106	34	-	4	-	2	1	-	45	18	19	13
Tennessee-----	70	67	-	1	2	1	-	-	2	7	15	17
Alabama-----	12	16	-	-	1	2	1	-	11	7	14	26
Mississippi-----	5	15	-	3	-	1	-	-	1	7	11	4
WEST SOUTH CENTRAL-----	1,041	593	-	4	2	9	3	2	120	67	33	49
Arkansas-----	75	25	-	3	1	3	-	-	29	12	3	12
Louisiana-----	3	3	-	1	1	-	-	-	5	1	-	-
Oklahoma-----	63	48	-	-	-	1	1	-	7	5	2	1
Texas-----	900	517	-	-	-	5	2	2	79	49	28	36
MOUNTAIN-----	401	338	-	-	-	2	-	-	20	17	1	2
Montana-----	11	49	-	-	-	-	-	-	1	-	-	-
Idaho-----	19	124	-	-	-	2	-	-	4	4	-	-
Wyoming-----	13	58	-	-	-	-	-	-	-	1	-	-
Colorado-----	26	12	-	-	-	-	-	-	6	-	-	-
New Mexico-----	34	10	-	-	-	-	-	-	1	9	1	-
Arizona-----	271	9	-	-	-	-	-	-	8	3	-	2
Utah-----	27	74	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	2	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	450	454	-	1	-	3	1	-	132	85	3	-
Washington-----	117	175	-	-	-	-	-	-	46	-	-	-
Oregon-----	79	60	-	-	-	-	-	-	25	13	-	-
California-----	254	219	-	1	-	3	1	-	61	72	3	-
Alaska-----	6	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	1	4	-	-
Puerto Rico-----	-	-	-	-	-	1	-	-	18	31	1	1



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	5th week ended Feb. 6, 1954	4th week ended Jan. 30, 1954	5th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 5 WEEKS		
					1954	1953	Percent change
TOTAL: 105 REPORTING CITIES-----	10,225	10,475	10,309	-0.8	54,046	58,078	-6.9
New England----- (13 cities)	728	669	629	+15.7	3,579	3,522	+1.6
Middle Atlantic----- (17 cities)	2,946	3,134	3,220	-8.5	16,024	16,912	-5.3
East North Central----- (17 cities)	2,151	2,285	2,242	-4.1	11,562	12,436	-7.0
West North Central----- (8 cities)	740	685	711	+4.1	3,748	4,568	-18.0
South Atlantic----- (9 cities)	776	793	784	-1.0	4,033	4,622	-12.7
East South Central----- (8 cities)	523	463	504	+3.8	2,649	2,743	-3.4
West South Central----- (13 cities)	808	815	786	+2.8	4,356	4,667	-6.7
Mountain----- (8 cities)	248	260	247	+0.4	1,263	1,575	-19.8
Pacific----- (12 cities)	1,305	1,371	1,254	+4.1	6,832	7,033	-2.9

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 6, 1954

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	5th week ended Feb. 6, 1954	4th week ended Jan. 30, 1954	CUMULATIVE NUMBER FOR FIRST 5 WEEKS		CITY	5th week ended Feb. 6, 1954	4th week ended Jan. 30, 1954	CUMULATIVE NUMBER FOR FIRST 5 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	253	238	1,194	1,220	St. Louis-----	223	236	1,207	1,479
Bridgeport-----	40	43	202	166	St. Paul-----	74	58	360	393
Cambridge-----	---	(32)	---	(152)	Wichita-----	54	30	219	234
Fall River-----	32	22	146	140	SOUTH ATLANTIC				
Hartford-----	51	41	260	270	Atlanta-----	122	106	582	572
Lowell-----	36	32	168	137	Baltimore-----	228	249	1,217	1,373
Lynn-----	16	17	122	118	Charlotte-----	37	28	150	139
New Bedford-----	26	23	127	127	Jacksonville-----	(41)	(43)	(282)	---
New Haven-----	59	44	256	258	Miami-----	59	65	316	309
Providence-----	73	72	359	349	Norfolk-----	20	32	167	202
Somerville-----	16	18	80	77	Richmond-----	71	64	339	412
Springfield, Mass.-----	43	41	231	189	Savannah-----	(24)	(31)	(135)	---
Waterbury-----	30	24	145	163	Tampa-----	61	47	306	336
Worcester-----	53	54	289	308	Washington, D. C.-----	145	174	786	1,115
					Wilmington, Del.-----	33	28	170	164
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	47	45	239	255	Birmingham-----	65	87	445	420
Allentown-----	(38)	(36)	(178)	---	Chattanooga-----	53	47	293	228
Buffalo-----	143	142	788	748	Knoxville-----	47	23	188	160
Camden-----	45	43	219	206	Louisville-----	103	106	565	570
Elizabeth-----	20	35	162	171	Memphis-----	128	99	550	709
Erie-----	34	36	183	192	Mobile-----	29	39	171	178
Jersey City-----	74	98	408	375	Montgomery-----	28	27	148	182
Newark, N. J.-----	92	121	570	604	Nashville-----	70	35	289	296
New York City-----	1,555	1,623	8,544	9,230	WEST SOUTH CENTRAL				
Paterson-----	33	32	220	199	Austin-----	30	21	126	175
Philadelphia-----	452	479	2,268	2,503	Baton Rouge-----	21	30	138	68
Pittsburgh-----	166	188	877	920	Corpus Christi-----	6	11	70	115
Reading-----	(21)	(21)	(109)	---	Dallas-----	92	110	571	581
Rochester, N. Y.-----	96	89	510	529	El Paso-----	22	37	158	200
Schenectady-----	25	33	148	138	Fort Worth-----	54	58	293	369
Scranton-----	(28)	(44)	(197)	---	Houston-----	122	107	731	731
Syracuse-----	61	62	316	296	Little Rock-----	53	24	228	257
Trenton-----	51	48	264	251	New Orleans-----	164	169	821	883
Utica-----	28	34	156	149	Oklahoma City-----	82	54	341	356
Yonkers-----	24	26	152	146	San Antonio-----	73	76	421	499
EAST NORTH CENTRAL					Shreveport-----	38	40	199	272
Akron-----	47	48	303	326	Tulsa-----	51	78	259	161
Canton-----	23	34	176	139	MOUNTAIN				
Chicago-----	687	790	3,751	4,414	Albuquerque-----	36	22	148	184
Cincinnati-----	146	121	759	786	Colorado Springs-----	12	18	68	92
Cleveland-----	209	198	1,111	1,057	Denver-----	93	113	531	696
Columbus-----	108	105	588	609	Ogden-----	8	14	53	61
Dayton-----	62	69	345	322	Phoenix-----	22	28	133	134
Detroit-----	327	324	1,665	1,763	Pueblo-----	11	14	67	84
Evansville-----	31	23	169	199	Salt Lake City-----	61	48	244	288
Flint-----	38	35	189	173	Tucson-----	5	3	19	36
Fort Wayne-----	---	(24)	---	(185)	PACIFIC				
Gary-----	(31)	(20)	(129)	---	Berkeley-----	22	21	104	104
Grand Rapids-----	47	40	218	225	Long Beach-----	51	44	270	252
Indianapolis-----	112	168	625	653	Los Angeles-----	480	502	2,508	2,553
Milwaukee-----	129	130	640	733	Oakland-----	109	81	484	546
Peoria-----	36	37	168	164	Pasadena-----	20	38	154	185
South Bend-----	21	22	122	118	Portland, Oreg.-----	83	100	521	542
Toledo-----	85	96	481	458	Sacramento-----	60	45	280	260
Youngstown-----	43	45	252	297	San Diego-----	77	82	390	401
WEST NORTH CENTRAL					San Francisco-----	196	216	1,031	1,144
Des Moines-----	55	36	240	300	Seattle-----	133	135	651	628
Duluth-----	20	23	128	151	Spokane-----	38	72	258	222
Kansas City, Kans.-----	---	(35)	---	(202)	Tacoma-----	36	35	181	196
Kansas City, Mo.-----	124	117	615	809	Honolulu-----	(32)	(34)	(183)	(178)
Minneapolis-----	111	127	633	765					
Omaha-----	79	58	346	437					

Symbols.—parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

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